

FIG. 1

The diagram illustrates a vehicle system architecture. At the top, a block labeled **ENGINE** (100) is connected to an **ENGINE ECU** (1000). The engine includes components 210, 230, and 240. A sensor 400 is connected to the engine and the engine ECU. The engine ECU (1000) and an **ECT ECU** (1010) are connected via a bidirectional communication line. The ECT ECU (1010) is connected to a **POSITION SWITCH** (450) and a **VEHICLE SPEED SENSOR** (440). It also controls a solenoid valve 220 and a sensor 410. A bracket labeled **300** groups a series of solenoid valves (B1, B2, B3, B4) and sensors (F1, F2, F3, F4, F5) connected to the ECT ECU. A sensor 420 is also connected to the ECT ECU. At the bottom, an **ACCELERATOR PEDAL POSITION SENSOR** (430) is connected to the ECT ECU.

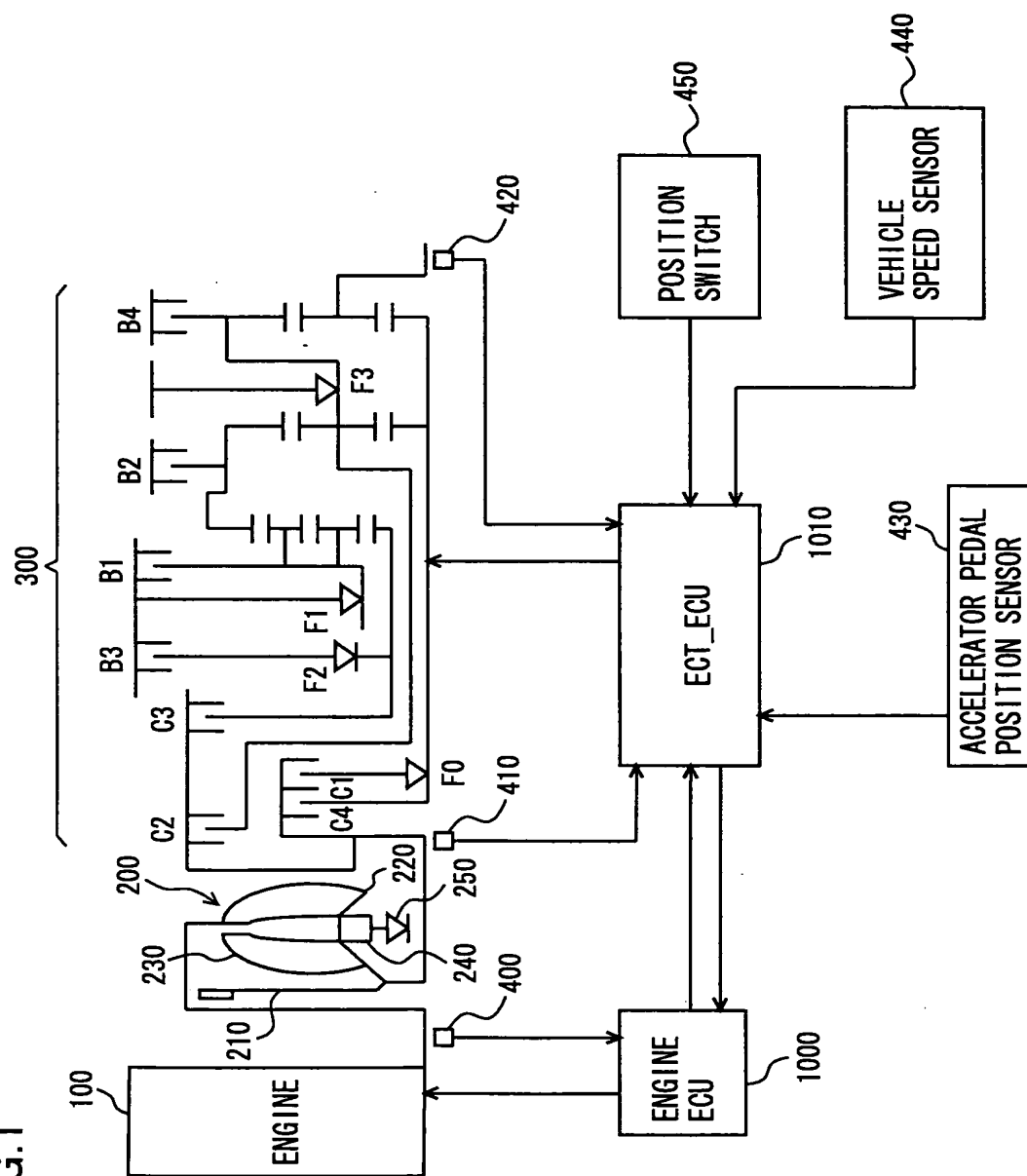


FIG.2

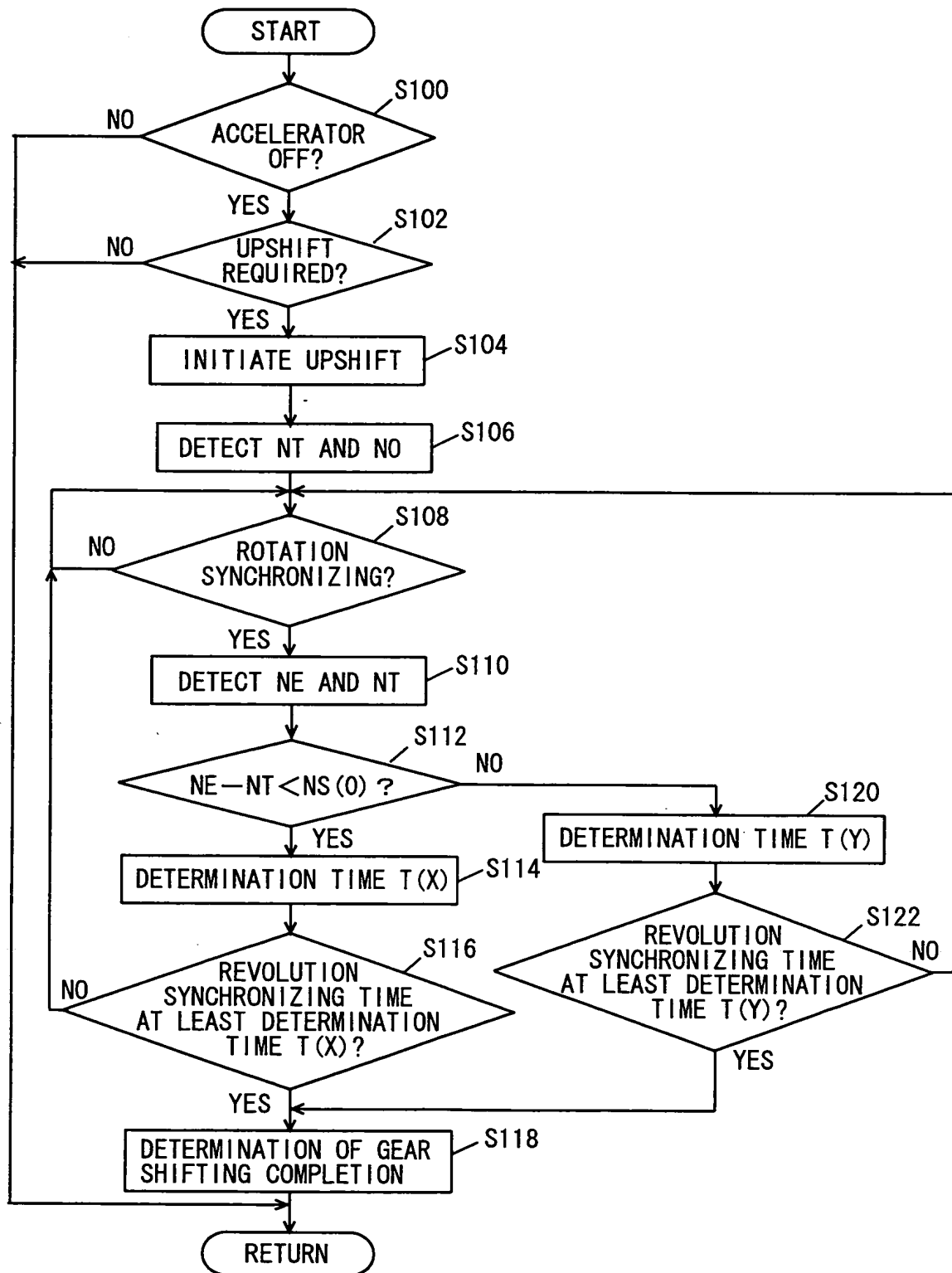


FIG.3

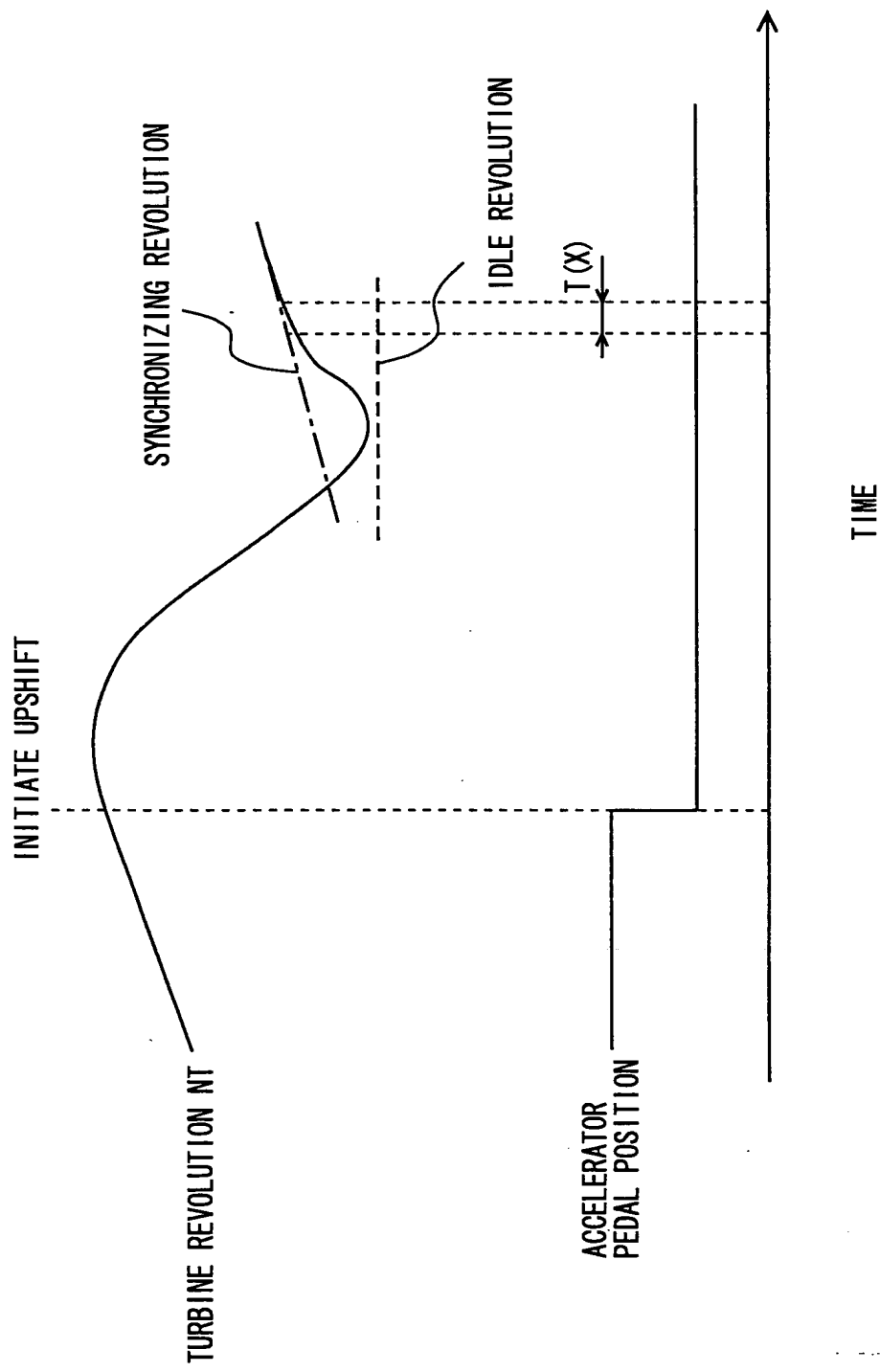


FIG.4

